



Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
14174-070US1Application No.  
10/553,659**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant  
Muthiah ManoharanFiling Date  
April 14, 2006Group Art Unit  
1635**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
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|                  | AB        | 4,458,066       | 07/03/1984       | Caruthers et al. |       |          |                            |
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**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office        | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|---------------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                                 |       |          | Yes         | No |
| /T.V./           | AK        | WO 96/41809     | 12/27/1996       | WIPO                            |       |          |             |    |
|                  | AL        | WO 91/16024     | 10/31/1991       | WIPO                            |       |          |             |    |
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|                  | AN        | WO 94/00569     | 01/06/1994       | WIPO                            |       |          |             |    |
|                  | AO        | WO 96/37194     | 11/28/1996       | WIPO                            |       |          |             |    |
|                  | AP        | WO 98/39359     | 09/11/1998       | WIPO                            |       |          |             |    |
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**Other Documents (include Author, Title, Date, and Place of Publication)**

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|   | AHH       | Colledge et al., "Disruption of c-mos causes parthenogenetic development of unfertilized mouse eggs", <i>Nature</i> , vol. 370:65- 68 (1994).  |
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|                  | ASS       | Filichev et al., "Synthesis of 1'-aza-C-nucleosides from (3R,4R)-4-(hydroxymethyl)pyrrolidin-3-ol", Tetrahedron, vol. 57:9163-9168 (2001).  |
|                  | ATT       | Flanagan et al., "A cytosine analog that confers enhanced potency to antisense oligonucleotides", Proc. Of the Nat'l. Acad. Of Sci USA, vol. 96:3513-3518 (1999).   |
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